FINLUX

happy **Finnish**

32 inch LED TV
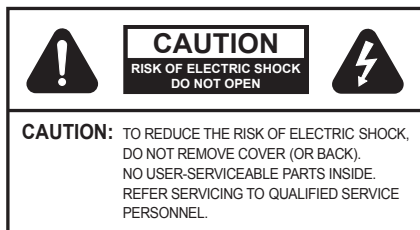32H7072-DT

Owner's manual

Contents

Safety Precautions

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE
PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock of persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Please read these instructions fully before installing or operating.

Preparation

Place the device on a solid even surface. For ventilation purposes, leave a free space of at least 10 cm all around the set. To prevent any fault and unsafe situations, do not place any objects on top of the set. Use this device in moderate climates. Operation temperature and operation humidity: 5ºC up to 45ºC, 85% rel. humidity max. (Note: Don't block ventilation holes.).

Intended Use

This device is used to receive and display TV programmmes , as well as to play CDs and DVDs (see "This device compatible disc types").The different connection options make an additional expansion of the reception and display sources possible (various external devices). This device is only suitable for the operation in dry interiors. This appliance is intended solely for private domestic use and may not be used for industrial and commercial purposes. We exclude liability in principle, if the device is not used as intended, or unauthorized modifications have been made. To operate your TV in extreme ambient conditions may cause damage of the device.

WARNING: Never let people (including children) with reduced physical, sensory or mental abilities or lack of experience and / or knowledge use electrical devices unsupervised.

Children may not recognize dangers of incorrect use! The swallowing of batteries can be fatal. Keep batteries always out of reach of small children. If a battery is swallowed, immediately seek medical attention. Keep the packaging films out of reach of children to prevent the risk of suffocation.

Power source

• The TV should be operated only from a 220-240 V AC, 50 Hz outlet.

• **⚠ *Warning:* Do not** leave your TV in standby or operating mode when you leave your house.

Positioning the TV

• For ventilation, please leave a clear space of at least 10cm all around the TV.

• **Do not** block the ventilation openings.

• **Do not** place the TV on sloping or unstable surfaces, the TV may tip over.

• To prevent damage to the TV, **do not** place any objects on top of the TV.

• Only use the TV in moderate climates.

Power cord and plug

• The power cord plug should be easily accessible. If there is lightning or storms, or if the TV is not going to be used for a while (e.g. if going away on holiday), disconnect the TV set from the mains.

• The mains plug is used to disconnect TV set from the mains and therefore it must remain readily operable.

• **Do not** place the TV, furniture, etc. on the power cord or pinch the cord.

• Handle the power cord by the plug, **do not** unplug the TV by pulling the power cord.

• Never touch the power cord/plug with wet hands as this could cause a short circuit or electric shock.

• Never make a knot in the power cord or tie it with other cords.

• Power cords should be placed in such a way that they are not likely to be stepped on or provide a trip hazard.

• A damaged power cord/plug can cause fire or give you an electric shock. When damaged it must be replaced, this should only be done by qualified personnel.

Moisture and Water

• **Do not** use this TV in a humid or damp place (avoid using in the bathroom or near the kitchen sink).

- **Do not** expose this TV to rain or water, as this may be dangerous.
- **Do not** place objects filled with liquids, such as flower vases, on top of the TV. Avoid from dripping or splashing.
- If any solid object or liquid falls into the cabinet, unplug the TV and have it checked by qualified personnel before operating it any further.

Ventilation

- The slots and openings on the TV set are intended for ventilation and to ensure reliable operation.
- To prevent overheating, these openings must not be blocked or covered in anyway.

Heat sources and Flames

- **Do not** expose the TV to direct sunlight or other heat sources.
- The TV should not be placed near to open flames or sources of intense heat such as an electric heater.
- Ensure that no open flame sources, such as lit candles, are placed on top of the TV.

Headphone Volume

- Excessive sound pressure from earphones and headphones can cause hearing loss, please take care.

Wall Mounting (optional)

- To prevent injury, this TV must be securely attached to the wall in accordance with the installation instructions (if the option is available).

Screen

- Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green or red point. Please note that this does not affect the performance of your product.
- Take care not to scratch the screen with fingernails or other hard objects.

Cleaning

- Before cleaning, unplug the TV from the wall socket.
- **Do not** use liquid or aerosol cleaners. Only use a soft, dry cloth.

Environmental Information

This television is designed to consume less energy to help save environment. You can not only help to save the environment but you can also save money by reducing your electricity bills thanks to the energy efficiency feauture of this TV. To reduce energy consumption, you should take the following steps:

You can use the Power Save Mode setting, located in the Picture Settings menu. If you set the Power Save Mode as **Eco**, the TV will switch to energy-saving mode and the luminance level of TV set will be decreased to the optimum level. Note that some picture settings will be unavailable to be changed when the TV is in Power Save Mode.
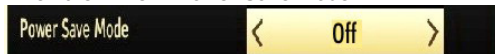
If Picture Off is selected, "**Screen will be off in 15 seconds.**" message will be displayed on the screen. Select PROCEED and press OK to continue. The screen will be off in 15 seconds. If you disable Power Save Mode, Picture mode will be automatically set to Dynamic.

When the TV is not in use, please switch off or disconnect the TV from the mains plug. This will also reduce energy consumption.

Disconnect power when going away for longer time.

It is highly recommended that you activate the Power Save Mode setting to reduce your annual power consumption. And also it is recommended to disconnect the TV from the mains plug to save energy more when you do not use.

Please helps us to save environment by following these steps.

Repair Information

Please refer all servicing to qualified personnel. Only qualified personnel must repair the TV. Please contact your local dealer, where you have purchased this TV for further information.

Accessories included

Remote Control
Batteries: 2 x AAA
Instruction Book
Side AV Connection Cable
3D Glasses x 8

TV - Features

- 3D Viewing: This product supports the viewing of 3D content from devices such as High Definition satellite Receiver or Blu-ray Player via the HDMI input.
- Remote controlled colour LCD TV.
- Intergrated DVD Player.
- Fully integrated digital tuner.
- HDMI Inputs are for connecting a device that has a HDMI socket.
- USB input.
- Programme recording.
- Programme timeshifting.
- 1000 programmes.
- OSD menu system.
- Scart socket for external devices (such as DVD Players, PVR, video games, etc.).
- Teletext.
- Headphone connection.
- Manual tuning.
- Automatic power down after up to six hours.
- Sleep timer.
- Child lock.
- Automatic sound mute when no transmission.
- NTSC playback.
- AVL (Automatic Volume Limiting).
- PC input.
- Plug&Play for Windows 98, ME, 2000, XP, Vista, Windows 7.
- Game Mode (optional).
- Ethernet (LAN) z

Viewing the TV
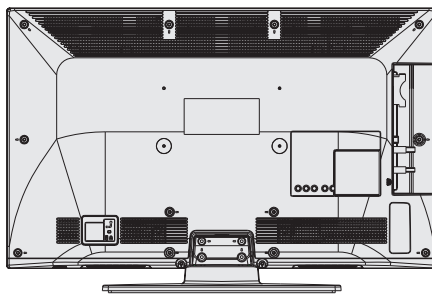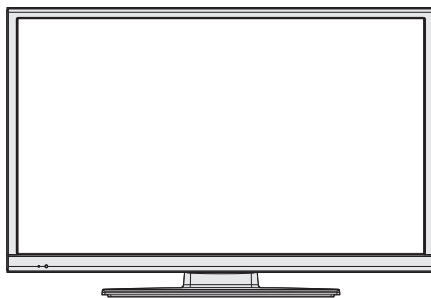
Menu Access

Press the **MENU** button on your remote control to display the main menu screen. Use the " $\langle$ " or " $\rangle$ " buttons to select a menu tab and press the **OK** button to select option. Use the " $\langle$ " or " $\rangle$ " or " $\wedge$ " or " $\vee$ " buttons to select or set an item. Press **BACK** or **EXIT** or **MENU** button to quit a menu screen.

Input Selection

Once you have connected external systems to your TV, you can switch to different input sources. Press the (source) button on your remote control consecutively to select the different inputs.

TV Control button & Operation
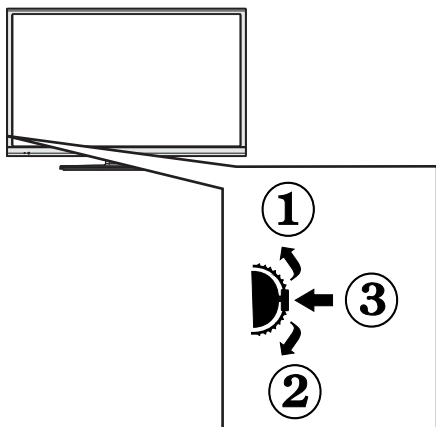
The Control button allows you to control the Volume/ Programme/ Source and Standby-On functions of the TV.

To change volume: Increase the volume by pushing the button up. Decrease the volume by pushing the button down.

To change channel: Press the middle of the button, the channel information banner will appear on screen. Scroll through the stored channels by pushing the button up or down

To change source: Press the middle of the button twice, the source list will appear on screen. Scroll through the available sources by pushing the button up or down.

To turn the TV off: Press the middle of the button and hold it down for a few seconds, the TV will turn off into standby mode.

NOTE: You can move the switch, upward or downward to change the volume. If you want to change the channel, press the middle of the switch once (Position 3) and then move upward or downward. If you press the middle of the switch once more, the source OSD will be displayed. To select desired source, move the switch upward or downward and release. If you press the middle of the switch and hold for a few seconds, the TV will switch to standby mode. The Main menu OSD cannot be displayed via the control buttons on the TV.

Viewing remote control - TV

1. Standby / On
2. Channel list
3. Volume up-down
4. Menu on/off
5. OK / Confirm
6. Return / Back
7. No function
8. My button 1 (*)
9. My button 2 (**)
10. Coloured buttons (Red, Green, Yellow, Blue)
11. Mono-Stereo Dual I-II / Current language
12. Fast rewind (in media browser mode)
13. Pause (in media browser mode) / Timeshift recording
14. Programme recording
15. Play (in media browser mode)
16. Stop (in media browser mode)
17. Fast forward (in media browser mode)
18. Subtitle on-off / Subtitle (in media browser mode)
19. Image size
20. Teletext - Mix
21. Media Browser
22. Electronic programme guide
23. Exit
24. Navigation buttons
25. Quick menu On-Off
26. Info / Reveal (in TXT mode)
27. Programme up/down
28. Mute
29. Previous programme / Now (in EPG mode)
30. Numeric buttons
31. AV / Source

NOTE: The Remote Control range is approximately 7m / 23ft.
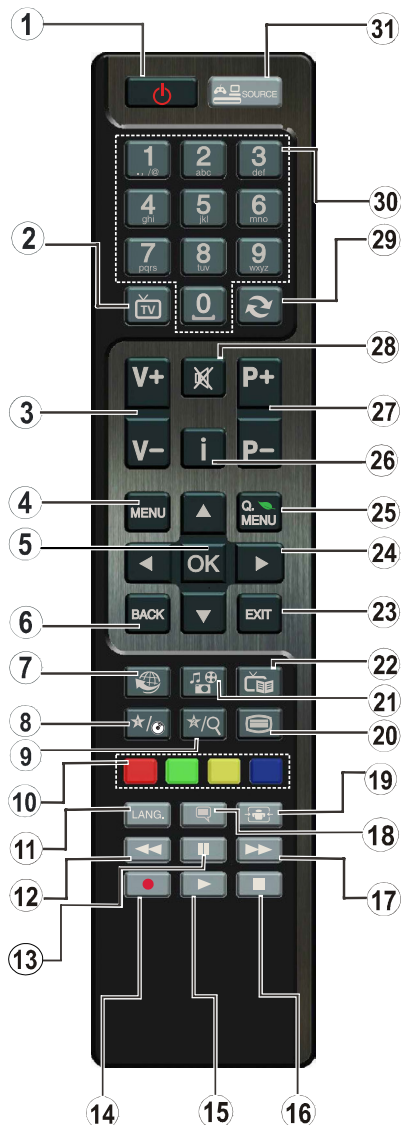
Using My button 1 (*)
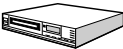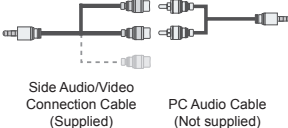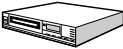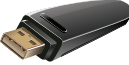
Press MY BUTTON 1 for five seconds when on a desired source, channel or link, until the "MY BUTTON IS SET" message is displayed on the screen. This confirms that the selected MY BUTTON is now associated with the selected function.

Using My Button 2 (**)

Press MY BUTTON 2 for five seconds when on a desired source, channel or link, until the "MY BUTTON IS SET" message is displayed on the screen. This confirms that the selected MY BUTTON is now associated with the selected function.

Viewing the Connections

Connector	Type	Cables	Device
	Scart Connection (back)		
	VGA Connection (back)		
SIDE AV	**PC/YPbPr Audio Connection (side)**	Side Audio/Video Connection Cable (Supplied) PC Audio Cable (Not supplied)	
	HDMI Connection (back)		
SPDIF	**SPDIFF Connection (back)**		
SIDE AV	**Side AV Connection (side)**	AV Connection Cable (supplied)	
HEADPHONE	**Headphone Connection (side)**		
	USB Connection (side)		
	CI Connection (side)		CAM module

NOTE: When connecting a device via the Side AV input, you must use the supplied connection cables to enable connection. See the illustrations above. | YPbPr can be used only when you connect a device that has a YPbPr output through the PC input with YPbPr to PC cable (YPbPr to PC cable is not supplied). When the connection is made, switch to YPbPr source. To enable PC audio, you will need to use PC/YPBPR AUDIO CONNECTION WHITE & RED inputs. | If an external device is connected via the SCART socket, the TV will automatically switch to AV mode.| When receiving DTV channels (Mpeg4 H.264) or while in Media Browser mode, output will not be available via the scart socket. | When using the wall mounting kit (optional), we recommend that you plug all your cables into the back of the TV before mounting on the wall. | Insert or remove the CI module only when the TV is SWITCHED OFF. You should refer to the module instruction manual for details of the settings. Obtain the Conditional Access Module (CAM) and the viewing card by subscribing to Digiturk or D-Smart. Insert the CAM and then the viewing card to the slot that is located in the terminal cover at the rear side of the TV. The module should be correctly inserted, it is impossible to insert fully if reversed. The CAM or the TV terminal may be damaged if the CAM is forcefully inserted.

Using a Conditional Access Module

🖐 *IMPORTANT: Insert or remove the CI module only when the TV is SWITCHED OFF.*

In order to watch certain digital channels, a conditional access module (CAM) can be necessary. This module must be inserted in the CI slot of your TV.

1. Obtain the Conditional Access Module (CAM) and the viewing card by subscribing to a pay channel company, then insert those to the TV using the following procedure.

2. Insert the CAM and then the viewing card to the slot that is located in the terminal cover at the rear side of the TV.

3. The CAM should be correctly inserted, it is impossible to insert fully if reversed. The CAM or the TV terminal may be damaged if the CAM is forcefully inserted.

4. Connect the TV to the mains supply, switch on and then wait for few moments until the card is activated.

5. When no module is inserted, "**No Common Interface module detected**" message appears on the screen.

You can refer to the module instruction manual for details of the settings.
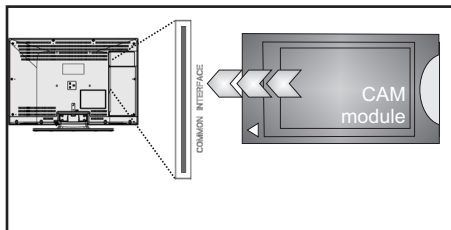
Standby Notifications

If the TV does not receive any input signal (e.g. from an aerial or HDMI source) for 5 minutes, the TV will go into standby. When you next switch-on, the following message will be displayed:

> **Standby Cause No Signal**
> **OK**
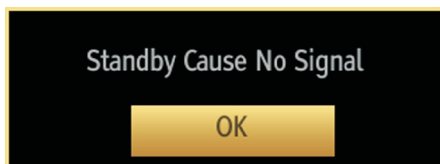
Press **OK** to continue.

When the Auto Tv Off timeout is reached, the following message will be displayed on the screen. Select YES to shut down the TV. Select NO to cancel. The TV will switch off as well, if you do not make a selection on this screen.

> **There was no operation performed for a long time. Shut down?**
> **Yes**   **No**
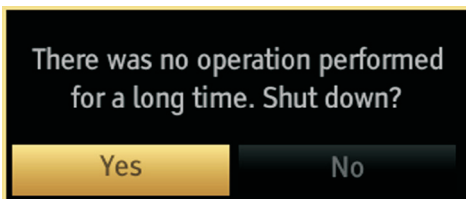
If the TV has been left on and not been operated for 4 hours, the TV will go into standby. When you next switch-on, the following message will be displayed.

> **Standby Cause No Operation**
> **OK**
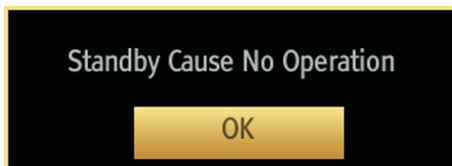
Press **OK** to continue.

Inserting the Batteries to the Remote

1. Lift the cover on the back of the remote upward gently.

2. Install two AAA batteries. Make sure to match the + and - ends of the batteries in the battery compartment (observe the correct polarity.)

3. Replace the cover.

Connect Power & Antenna

IMPORTANT: The TV set is designed to operate on 220-240V AC, 50 Hz socket. After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains. Plug the aerial cable into the ANT socket on your TV.
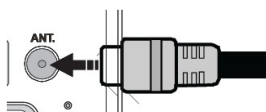
Switching On/Off

To Switch the TV On

Connect the power cord to the 220-240V AC, 50 Hz.

To switch on the TV from standby mode either:

Press the "⏻" button, **P+** / **P-** or a numeric button on the remote control.

Press the side function switch until the TV comes on from standby.

To Switch the TV Off

Press the "⏻" button on the remote control or press the side function switch until the TV switches to the standby mode.

To power down the TV completely, unplug the power cord from the mains socket.

Note: When the TV is switched to standby mode, standby LED can blink to indicate that features such as Standby Search, Over Air Download or Timer is active. The LED can also blink when you switch on the TV from standby mode.

First Time Installation

When turned on for the first time, the "language selection" menu appears. The message "**Welcome please select your language!**" is displayed and all language options are listed alphabetically.

Press the "︿" or "﹀" button to highlight the required language, press **OK** button to select. "First Time Installation" appears. Use "❮" or "❯" button to set the required country, and press "﹀" button to select Search Type. Use "❮" or "❯" to set the desired search type. Available search types are Digital and analog, digital only and analog only. When set, press "﹀" to select Teletext Language. Use "❮" or "❯" button to set the "Teletext Language" and select "Scan Encrypted" using "︿" or "﹀" button. You can set **Scan Encrypted** as **Yes** if you want to scan coded stations.
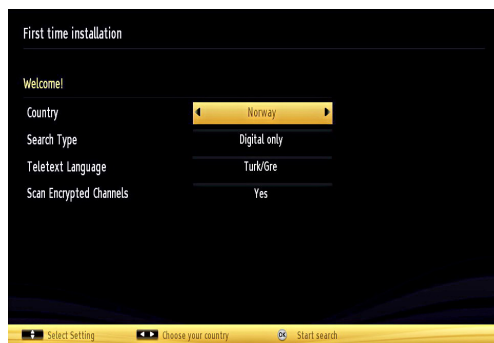
Press **OK** button on the remote control to continue and the following message will be displayed on the screen.
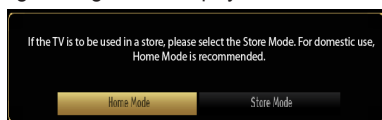
You can activate Store mode option by using "❮" or "❯" button. If Store Mode is selected, Store mode option will be available in other settings menu and your TV's features will be illustrated on the top of the screen. A confirmation

screen will be displayed after selecting the Store Mode. Select **YES** to proceed.
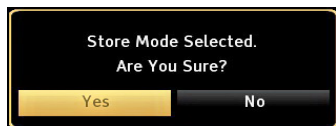
If Home Mode is selected, Store mode will not be available after the First Time Installation. Press **OK** button on the remote control to continue and the following message will be displayed on the screen.
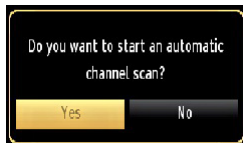
Select **Yes** and the television will search for digital terrestrial TV broadcasts.
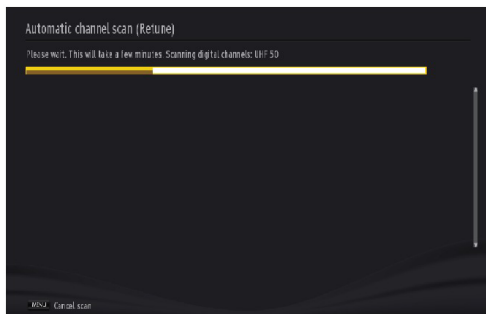
📝 *NOTE: You can press **MENU** button to cancel.*

After all the available stations are stored, the Channel List will be displayed on the screen. If you are satisfied with the order of channels, press the **OK** button to quit the channel list and watch TV.

Media Playback via USB Input

You can connect a USB hard disk drive or USB memory stick to your TV by using the USB inputs of the TV. This feature allows you to play files stored in a USB drive. 2.5" and 3.5" inch (hdd with external power supply) external hard disk drives are supported.

IMPORTANT! You should back up your files before making any connections to the TV set in order to avoid any possible data loss. The Manufacturer will not be responsible for any file damage or data loss. It is possible that certain types of USB devices (e.g. MP3 Players) or USB hard disk drives/memory sticks may not be compatible with this TV. The TV supports FAT32 and NTFS disk formatting but **recording will not be available with NTFS formatted disks**. Note: While formatting a USB hard disk that has 1TB (Tera Byte) or more file capacity, you can experience problems with the formatting process.

Quickly plugging and unplugging USB devices is a very hazardous operation. This may cause physical damage to the USB player and the USB device itself. Do not pull out the USB module while playing a file.

Media Browser Menu

You can play photo, music, and movie files stored on a USB disk by connecting it to your TV. Connect a USB disk to one of the USB inputs located on the side of the TV.
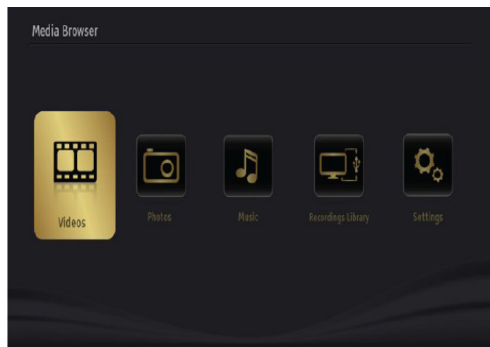
The USB selection OSD will be displayed on the screen. Press the MENU button and select the Media Browser tab by using the Left/Right and OK buttons. The Main media browser screen will be displayed. You can display the approprite content by selecting the Video, Music or Picture tab. Follow the button indications under each on screen menu for media playback features.

Pressing the MENU button while in the Media Browser mode will access the Picture, Sound and Settings menu options. Pressing the MENU button again will exit from this screen.

You can set your Media Browser preferences by using

the Settings menu.

Note: If two USB devices are connected to the TV at the same time, the first USB device connected to the TV will be named USB drive 1. Select the drive by using "⌃" or "⌄" buttons and press OK.

Changing Image Size: Picture Formats

Programmes can be watched in different picture formats, depending on the transmission received. You can change the aspect ratio (image size) of the TV for viewing the picture in different zoom modes. Press the **SCREEN** button repeatedly to change the image size. You can shift the screen up or down by using "⌃" or "⌄" buttons while in, 14:9 Zoom, Cinema or Subtitle.

Using the Channel List

The TV sorts all stored stations in the Channel List. You can edit this channel list, set favourites or set active stations to be listed by using the Channel List options. Press **MENU** button to view main menu. Select Channel List item by using **Left** or **Right** button. Press **OK** to view menu contents. Select **Edit Channel List** to manage all stored channels. Use **Up** or **Down** and **OK** buttons to select **Edit Channel List**. Press the **Up** or **Down** button to select the channel that will be processed. Press the **Left** or **Right** button to select a function on the Channel List menu. Use **P+/P-** buttons to move page up or down. Press **MENU** button to exit.

Sorting Channel List

You can select which broadcasts will be listed in the channel list. To display specific types of broadcast, you should use the Active channel list setting. Select the Active channel list from the Channel list menu by using "⌃" or "⌄" button. Press the **OK** button to continue. You can select a network type option from the list by using "❬" or "❭" and **OK** buttons.

Quick Menu

The Quick Settings menu allows you to access some options quickly. This menu includes **Power Save Mode, 3D Mode, Picture Mode, Equalizer Settings, Favourites** and **Sleep Timer** options. Press **Q.MENU** button on the remote control to view quick menu. See the following chapters for the details of the listed features.
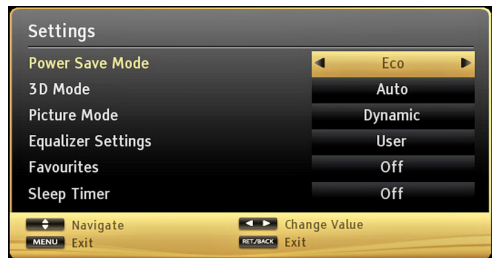
Menu Features and Functions

Picture Menu Contents

3D Settings	Press to view 3D settings.
Mode	You can change the picture mode to suit your preference or requirements. The Picture mode can be set to one of these options: **Cinema**,**Game**, Sports, **Dynamic** and **Natural**.
Contrast	Sets the lightness and darkness values of the screen.
Brightness	Sets the brightness value for the screen.
Sharpness	Sets the sharpness value for the objects displayed on the screen.
Colour	Sets the colour value, adjusting the colors.
Power Save Mode	To set the Power Save Mode as **Eco, Picture Off or Disabled.** See the section, "Environmental Information" in this manual for further information on the Power Save Mode.
Backlight (optional)	This setting controls the backlight level and it can be set to **Auto**, **Low, Medium, High**. *The Backlight function will be inactive if the Power Save Mode is set to On. The Backlight cannot be activated in VGA, Media Browser mode or while the picture mode is set to Game.*
Noise Reduction	If the broadcast signal is weak and the picture is noisy, use the **Noise Reduction** setting to reduce the amount of noise. Noise Reduction can be set to one of these options: **Low**, **Medium**, **High** or **Off**.

Advanced Settings

Dynamic Contrast	You can change the contrast rate by using the dynamic contrast function. Dynamic contrast can be set to one of these options: **Low**, **Medium**, **High** or **Off.**
Colour Temp	Sets the desired colour tone: **Normal, Warm or Cool.**
Picture Zoom	Sets the picture size to **Auto,16:9, Subtitle,14:9, 14:9 Zoom, 4:3 or Cinema.**
HDMI True Black	While watching from a HDMI source, this feature will be visible in the Picture Settings menu. You can use this feature to enhance the blackness in the picture.
Film Mode	Films are recorded at a different number of frames per second to normal television programmes. Turn this feature on when you are watching films to see the fast motion scenes clearly.
Skin Tone	Adjust the desired skin tone.
Colour Shift	Adjust the desired colour tone.
RGB Gain	Press **OK** button to edit RGB gain. You can configure the colour temperature values using the RGB Gain feature.
Auto Position (in PC mode)	Automatically optimizes the display. Press **OK** to optimize.
H Position (in PC mode)	This item shifts the image horizontally to the right hand side or left hand side of the screen.
V Position (in PC mode)	This item shifts the image vertically towards the top or bottom of the screen.
Dot Clock (in PC mode)	Dot Clock adjustments correct the interference that appear as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts.
Phase (in PC mode)	Depending on the resolution and scan frequency that you input to the TV set, you may see a hazy or noisy picture on the screen. In such a case you can use this item to get a clear picture by using trial and error.
Reset	Resets the picture settings to factory default.

While in VGA (PC) mode, some items in Picture menu will be unavailable. Instead, VGA mode settings will be added to the Picture Settings while in PC mode.

Menu Features and Functions

Sound Menu Contents

Volume	Adjusts the volume level.
Equalizer:	In the equalizer menu, the preset can be changed to **Music**, **Movie**, **Speech**, **Flat**, **Classic** and **User**. Press the **MENU** button to return to the previous menu. *Equalizer menu settings can be changed manually only when the **Equalizer Mode** is in **User**.*
Balance	This setting is used for emphasizing left or right speaker balance.
Headphone	Sets the headphone volume.
Sound Mode	You can select Mono, Stereo, Dual I or Dual II mode, only if the selected channel supports that mode.
AVL	Automatic Volume Limiting (AVL) function sets the sound to obtain a fixed output level between programmes (For instance, volume level of advertisements tend to be louder than programmes).
Headphone/Lineout	When you connect an external amplifier to your TV using the headphone jack, you can select this option as Lineout. If you have connected headphones to the TV, set this option as Headphone.
Dynamic Bass	Enables or disables the Dynamic Bass.
Digital Out	Sets digital audio output type.

Install and Retune Menu Contents

Automatic Channel Scan (Retune)	**Digital Aerial:** Searches and stores aerial DVB stations.
Manual Channel Scan	This feature can be used for direct broadcast entry.
First Time Installation	Deletes all stored channels and settings, resets TV to factory settings and starts first time installation. You can follow the instructions in the First Time Installations section for more information on this process.

Menu Features and Functions

Settings Menu Contents

Conditional Access	Controls conditional access modules when available.
Language	Configures language settings.
Parental	Configures parental settings. (Default PIN code can change depending on the selected country.If you are asked to enter a PIN code for viewing a menu option, use one of the following codes: 4725, 0000 or 1234.)
Timers	Sets timers for selected programmes. (USB Record)
Recording Configuration	Displays the recording configuration menu. (USB Record)
Date/Time	Sets date and time.
Sources	Enables or disables selected source options.
IP Settings	Displays IP settings.

Other Settings: Displays other setting options of the TV set:

Menu Timeout	Changes timeout duration for menu screens.
Scan Encrypted	When this setting is on, the search process will locate encrypted channels as well. If it is set as Off, encrypted channels will not be located in automatic or manual searches.
Blue Background	Activates or deactivates the blue background system when the signal is weak or absent.
Software Upgrade	To ensure that your TV always has the most up to date firmware. Please ensure that the TV is set to standby mode with an aerial connected to pick up the over air download.
Application Version	Displays application version.
Hard of Hearing	Enables any special feature sent from the broadcaster.
Audio Description	Audio description refers to an additional narration track for blind and visually impaired viewers of visual media, including television and movies. You can use this feature, only if the broadcaster supports the additional narration track.
Auto TV Off	You can set the timeout value of the auto off feature. After the timeout value is reached and the TV has not been operated for a selected time, the TV will go into standby mode.
Standby Search (optional)	If you change Standby Search to Off, this function will be unavailable. To use Standby search please make sure that you select Standby Search as On. If the Standby Search is set to On, when the TV is in standby mode, available broadcasts will be searched. If the TV locates any new or missing broadcasts, a menu screen will be displayed, asking you whether or not to execute these changes. The Channel list will be updated and changed after this process. Please activate the Standby Search setting in order to enable your TV to automatically update the broadcast frequency of the broadcaster, broadcast definition and other similar changes.
Store Mode (Optional)	If you are displaying the TV in a store, you can activate this mode. Whilst Store Mode is enabled, some items in the TV menu may not be available.
Power Up Mode	Standby: The TV powers up into Standby mode when the TV is plugged into the mains. Last State: The TV powers up into On mode when the TV is plugged into the mains and the last channel/source is selected.

Electronic Programme Guide (EPG)

Some, but not all channels send information about the current and next programmes. Press the **GUIDE** button to view the EPG menu.

Up/Down/Left/Right: Navigate EPG.

OK: Displays programme options.

INFO: Displays, in detail, information on the programme selected.

GREEN: Switches to List Schedule EPG.

YELLOW: Switches to Timeline Schedule EPG.

BLUE: Displays filtering options.

🔴 (RECORD): The TV will start to record the selected progamme. You can press again to stop the recording.

IMPORTANT: To record a programme, you should first connect a USB disk to your TV while the TV is switched off. You should then switch on the TV to enable the recording feature. Otherwise, the recording feature will not be available.

Note: Switching to a different broadcast or source is not available during a recording.

Programme Options

In the EPG menu, press the **OK** button to enter the *Event Options* menu.

Select Channel

In the EPG menu, using this option, you can switch to the selected channel.

Record / Delete Record Timer

After you have selected a programme in the EPG menu, press the **OK** button and and the **Options** screen will be displayed. Select the "**Record**" option and press the **OK** button. After this operation, a recording will be scheduled for the selected programme.

To cancel an already set recording, highlight that programme and press the **OK** button and select the option "**Delete Rec. Timer**". The recording will be cancelled.

Set Timer / Delete Timer

After you have selected a programme in the EPG menu, press the **OK** button and and the **Options** screen will be displayed. Select the "**Set Timer on Event**" option and press the **OK** button. You can set a timer for future programmes. To cancel an already set timer, highlight that programme and press the **OK** button. Then select "**Delete Timer**" option. The timer will be cancelled.

Note: It is not possible to record two channels at the same time.

Recording a Programme

IMPORTANT: When using a new USB hard disk drive, it is recommended that you first format the disk using your TV's "Format Disk" option.

To record a programme, you should first connect a USB disk to your TV while the TV is switched off. You should then switch on the TV to enable the recording feature.

To use the recording function, you need to connect a USB disk or an external hard disk drive to the TV and the connected USB disk should have at least 1 GB capacity and should have 2.0 speed compatibility. If the connected USB device does not support 2.0 speed, an error message will be displayed.

Note: Recorded programmes are saved into the connected USB disk. If desired, you can store/copy recordings onto a computer; however, these files will not be available to be played on a computer. You can play the recordings only via your TV.

Note: Lip Sync delay may occur during the timeshifting. Radio record is not supported. The TV can record programmes up to ten hours.

Recorded programmes are split into 4GB partitions.

If the writing speed of the connected USB disk is not sufficient, the recording may fail and the timeshifting feaute may not be available.

Recordings of HD programmes can occupy more space on the USB disk compared to SD programmes. For this reason it is recommended to use USB hard disk drive to record HD programmes.

Do not plug out the USB/HDD during a recording. This may harm the connected USB/HDD.

Multipartiton support is available. A maximum of two different partitions are supported. If the disk has more than two partitions, a crash may occur. The first partition of the USB disk is used for PVR ready features. It also must be formatted as the primary partition to be used for PVR ready features.

Some stream packets may not be recorded because of signal problems, so sometimes the video may freeze during playback.

Record, Play, Pause, Display (for PlayListDialog) keys can not be used when teletext is ON. If a recording starts from timer when teletext is ON, teletext is automatically turned off. Also teletext usage is disabled when there is an ongoing recording or playback.

Timeshift Recording

Press ▌▌ (PAUSE) button while watching a broadcast to activate timeshifting mode. In timeshifting mode, the programme is paused and simultaneously recorded to the connected USB disk. Press ▶ (PLAY) button again to resume the paused programme from where you stopped. You will see the timeshift gap between the real and the timeshifted programme in the info bar.

Instant Recording

Press ● (RECORD) button to start recording an event instantly while watching a programme. You can press ● (RECORD) button on the remote control again to record the next event on the EPG. In this case, OSD will display the programmed events for recording. Press ■ (STOP) button to cancel instant recording. **Note**: You can not switch broadcasts or view the Media Browser during the recording mode.

Watching Recorded Programmes

In the main menu, use "❮" or "❯" buttons to select **Media Browser**. Highlight the **Recordings Library** using "❮" or "❯" button and press the **OK** button to enter the Recordings Library. Select a recorded item from the list (if previously recorded) by using "∧"/"❯" button. Press the **OK** button to view the **Play Options**. Select an option by using "∨"/"∧" or OK buttons.
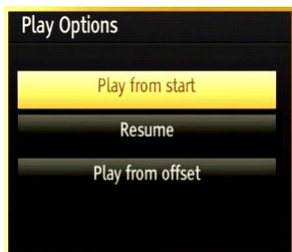
Available playback options:
• Play from start: Plays the recording from the beginning.
• Resume: Resumes Playback from the point at which you stopped playback previously.
• Play from offset: Specifies a playing point.
Note: Viewing main menu and menu items will not be available during the playback.

Press the ■ (STOP) button to stop a playback and return to the Recordings Library.

Slow Forward

If you press ▌▌ (PAUSE) button while watching recorded programmes, the slow forward feature will be available. You can use ▶▶ button to slow forward. Pressing ▶▶ button consecutively will change slow forwarding speed.

Recordings Library

To view the list of recordings, select "**Recordings Library**" and press the **OK** button. The Recordings Library will then be displayed with available recordings. All the recordings are kept in a list in the recordings library.

RED button (Delete) :Erases the selected recording.

GREEN button (Edit): Makes changes on the selected recording.

BLUE button (Sort): Changes the order of the recordings. You can select from a wide range of sorting options.

OK button: (Resume): Resume playback.

INFO (Details): Displays the programme information details.

Recording Configuration

Select the Recording Configuration item in the Settings menu to configure the recording settings.

Format Disk: You can use the Format Disk feature for formatting the connected USB disk. IMPORTANT: Note that ALL the data stored on the USB disk will be lost and the disk format will be converted to FAT32 if you activate this feature. If your USB disk malfunctions, you can try formatting the USB disk. In most cases formatting the USB disk will restore normal operation; however, ALL the data stored on the USB disk will be lost in such a case.

Note: *If "USB is too slow" message is displayed on the screen while starting a recording, try restarting the recording. If you still get the same error, it is possible that your USB disk does not meet the speed requirements. Try connecting another USB disk.*

Using the 3D Mode

Precautions

Read and understand the following safety precautions carefully for your safety before using the 3D function.

• You may experience discomfort, headaches or dizziness while watching 3D images. If you experience such symptoms, you should remove 3D glasses and stop watching 3D mode.

• Take regular breaks while watching 3D images. The length and frequency of breaks may change from person to person. You must decide what works best for you. If you experience discomforts such as eye strain or nausea while watching 3D images for a long time, remove 3D glasses, stop watching 3D

mode and rest. You should consult a doctor if you believe it is necessary.

- It is recommended that an adult should check on children, including teenagers because they may be more sensitive to the effects of watching 3D. If they experience symptoms such as dizziness, headaches or eye strain, you should have the children stop watching 3D TV and you should have the children rest.

- Do not use the 3D Glasses for other purposes such as sunglasses or general eyeglasses.

- Do not use the 3D mode or wear 3D Glasses while you are moving around. Using the 3D mode or 3D Glasses while moving may lead to injuries due to running into objects, and falling.

- Use only the supplied 3D glasses.

- If you experience screen flickering when watching 3D images in poor light conditions, you should turn the lamp off or dim the light.

- When using headphones, you should adjust the volume so as to avoid excessive levels, since hearing damage may result.

⚠ *CAUTION - 3D Images*

- Please read these safety instructions carefully to ensure your personal safety and to prevent damage.

- If you experience difficulty viewing 3D images with the 3D glasses, you may have some problems with your eyesight.

- You may experience headaches or fatigue when viewing 3D images through the glasses for too long.

- If you experience headaches, fatigue, or dizziness, stop watching immediately.

- Do not drop objects on the product or knock the product forcefully. This may result in an electric shock or fire.

- Do not use your product near a humidifier or kitchen counter. This may result in electric shock or fire.

- Do not disassemble, repair or modify the product or its parts. Doing so may result in damage to the product or a malfunction.

- The following people should not use this product:

- Pregnant women, inform persons, persons with heart issues, as well as persons that become nauseous easily. People with these conditions should not use this product.

- When watching 3D video, do not place anything nearby that can be easily broken. You may mistake a 3D image for an actual object and move your body, causing you to break nearby objects and hurt yourself.

- Use 3D Glasses for watching 3D video only. Do not use it for any other purpose.

- Do not use the 3D Glasses as sunglasses or reading glasses.

- Do not spray cleaner directly onto the surface of the 3D Glasses. This may result in discoloration and cracks and may cause the screen display to peel off.

- Do not let water come into contact with the product when cleaning it. Ensure that water does not enter the product. This may result in electric shock or fire.

- Since the surface of the product is easily scratched, make sure you clean the product with a soft cloth. As the product may be scratched if there is any foreign material on the cloth, make sure to shake off any dust before using it.

- Do not scratch the surface of the display screen with a sharp tool or do not clean it using chemicals. This may degrade the screen quality.

- Do not apply force to the display screen.

- Do not drop or bend the product.

- If the receiving range is out of the specified range, the screen may not be viewable as 3D video.

- Flickering may be generated by the 3D glasses (60 Hz) when watching the 3D screen when a magnetic fluorescent lamp (50 Hz) is on.

- If you encounter this symptom, please turn off the light and continue watching.

⚠ **Health Warning! - 3D Images**

- When watching 3D images, you should leave a distance of at least twice the screen width between you and the screen, and you should keep the screen at eye level.

- If you watch the 3D imaging too closely or for a long period of time, it is possible that it may harm your eyesight. Watching the TV or playing video games that incorporate 3D imaging with the 3D glasses for a long period of time can cause drowsiness, headaches or fatigue to you and/or your eyes. If you have a headaches or fatigue. Stop watching the TV and take a rest.

- Pregnant woman, seniors, persons with heart problems or persons who experience frequent drowsiness should refrain from watching 3D. Some 3D imaging may cause you to duck or dodge the image displayed in the video. Therefore, it is best if you do not watch 3D TV near fragile objects or near any objects that can be knocked over easily. Please prevent children under the age of 5 from watching 3D. It may affect their vision development.

Photosensitive Seizure Warning

- If you or a member of your family has a history of epilepsy or seizure, please consult with your doctor

before watching 3D TV. It is possible that some viewers may experience a seizure or epilepsy when exposed to certain conditions, including flashing lights or images in TV or video games.

- Sometimes certain symptoms can occur in unspecified conditions even if you do not have any previous history. In such a case, if you experience any of the following symptoms, immediately stop watching the 3D TV and consult a doctor: altered vision, visual or facial instability, such as eye or muscle twitching, dizziness or light-headedness, visual transition or unconscious action, convulsion, loss of conscience, confusion or disorientation, loss of directional sense, cramps, or nausea.

- When watching 3D TV, monitor your children, including teenagers because they may be more sensitive to the effects of watching 3D such as these symptoms.

- You can reduce the risk of photosensitization seizure by taking the following actions:

- While watching the 3D TV, do take frequent breaks. If you have vision that is different in each eye, you should watch the TV after taking vision correction measures.

- When watching the TV, ensure that your eyes are on the same level with the screen and do not sit too closely to the TV. Do not watch the 3D TB when you are tired or sick. Avoid watching the 3D TV for a long period of time.

- Wear the 3D glasses only for viewing 3D imaging on the TV. Do not use for other purposes.

- Some viewers may feel disoriented afler watching 3D. Therefore, after you watch 3D, take a moment to regain awareness of your situation before moving.

- You must use 3D glasses parallel to your TV. The picture may not be visible or may look dark if you do not stay within the viewing angle.

- Use 3D glasses only when watching 3D images at the correct angle. Remove the glasses in any other case. The picture may not be visible or may be dark if you look down or if you lie on your side while watching 3D images using 3D glasses.

Operating the 3D Mode

- The 3D picture may not be visible or become distorted when watching under intense light conditions.

- You can enjoy viewing 3D images on your TV by wearing the supplied 3D Glasses. Note that this TV's 3D feature works only with its specific 3D glasses.

- Connect a 3D compatible player via a "high speed" HDMI cable and play the 3D content. Refer to the players manual for settings.

- Press the **SOURCE** button and select the connected input.

- You should select suitable 3D Mode before viewing.

- To view 3D contents or programmes in 3D mode you must wear the supplied 3D Glasses.

Setting up 3D Mode for PS3

Ensure the PS3 has the latest firmware installedHave both the TV and console off. Connect the TV to the PS3 with a "high speed" HDMI cable.Turn on the TV and wait for it to power up, then turn on the console (Hold power button until you hear a beep)The PS3 will then identify the 3DTV and ask for resolution information and screen size.Once selected the PS3 will then have the ability to play both games and Blu-ray 3D discs.

3D Mode

Press the **MENU** button and select the Picture icon using the "〈" or "〉" buttons and press **OK**. Use "⌃" or "⌄" to select 3D settings and press **OK** to view.

- 3D feature enables you to view 3D content using the supplied 3D glasses.

- To enable and customize 3D mode on the TV, perform the following:

- Press **MENU** button on the remote control and select Picture by using "〈" or "〉" button. Press **OK** button to view *Picture Settings*. Select *3D Settings* option by using "⌃" or "⌄" button and press **OK**.
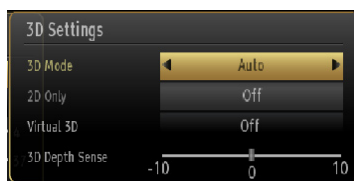
3D Settings

Mode

You can customize the 3D mode settings to provide the best viewing experience. **Select one of these modes to experience 3D image viewing:**

Auto: Automatically switches to 3D mode if 3D information is detected from a HDMI source.

Side by Side: Displays 3D content which is originally in a form of side by side.

Top bottom: Displays 3D content which is originally in a form of top and bottom.

Off: 3D function mode is turned off.

2D Only

If content is 3D but you want to watch it in 2D, you can switch to 2D only mode. There are 2 options (LEFT

and RIGHT) to select which side of the content you want to watch in 2D.

NOTE: This item is available when TV is in 3D mode.

Virtual 3D

Conversion from 2D to 3D. There are 3 different levels of depth: Low – Medium – High.

NOTE: This item is available when TV is not in 3D mode.

Left/Right Swap

You can use this setting to shift the phase of the 3D left/right broadcast.

3D Depth Sense (Optional)

This setting enables the control of 3D depth.

NOTE: If you select 3D modes, wear the supplied 3D glasses when this message is displayed on the screen:

3D Viewing Information

Your 3D Viewing experience can be affected by the location of the viewer and the TV set. To maximise your enjoyment we recommend you follow the guidelines below:

Viewing Distance

Size (inch)	22	26	32	37	40
Viewing distance (m)	1,30	1,50	1,90	2,20	2,40

Size (inch)	42	46	47	55
Viewing distance (m)	2,50	2,75	2,80	3,25

Horizontal Viewing Angle
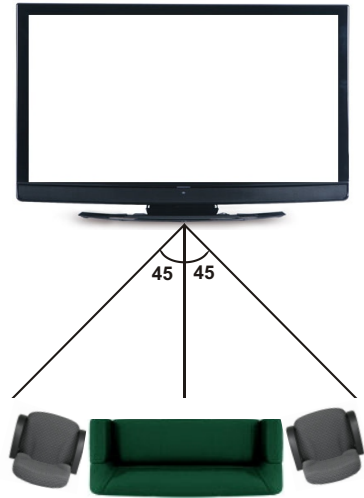
Vertical Viewing Angle

It is always recommended to place a TV at the correct seated eye height of the viewer. If the TV must be placed higher or lower it should be tilted accordingly in its stand or wall mount.

3D Viewing Information - continued

	HDMI	MBV	MBP
1080p@24 FP	Supported	Not Supported	Not Supported
720p@50 FP	Supported	Not Supported	Not Supported
720p@60 FP	Supported	Not Supported	Not Supported
1080p FC	SBS, TB	SBS, TB	SBS, TB
720p FC	SBS, TB	SBS, TB	SBS, TB
1080i FC	SBS	SBS	SBS
OTHER	Not Supported	Not Supported	(*)
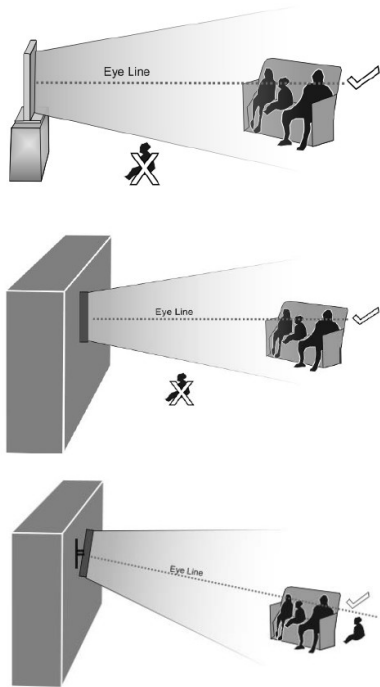
	DTV	ATV	OTHER
1080p@24 FP	Not Supported	Not Supported	Not Supported
720p@50 FP	Not Supported	Not Supported	Not Supported
720p@60 FP	Not Supported	Not Supported	Not Supported
1080p FC	SBS, TB	Not Supported	SBS, TB
720p FC	SBS, TB	Not Supported	SBS, TB
1080i FC	SBS	Not Supported	SBS
OTHER	(*)	Not Supported	Not Supported

Please note that if you apply 720p FC TB input; the picture will be scaled smaller than the original size in the middle of the screen.

SBS: Side By Side

TB: Top Bottom

MBP: Media Browser Picture

MBV: Media Browser Video

FC: Frame Compatible

FP: Frame Pack

in MBP: Supported only when, the image's height is multiples of 2 and the image's width is multiples of 16 and if the image width is equal to the panel width or wider.

in DTV: Supported only when, the image's height is between 1700 and 1900 and the image's width is equal to 1280 or 720.

(*): Not supported if the image provides 1080i resolution.

Digital Teletext

Press the "▤" button. The digital teletext information appears. Operate it with the coloured buttons, cursor buttons and the **OK** button.

The operation method may differ depending on the contents of the digital teletext. Follow the instructions displayed on digital teletext screen.

When the "▤" button is pressed again, the TV returns to television broadcast.

Specifications

TV BROADCASTING
PAL/SECAM B/G D/K K' I/I' L/L'
DIGITAL RECEPTION
DVB-T MPEG2
DVB-T MPEG4 HD
DVB-T MHEG-5 Engine (for UK only)
DVB-C MPEG2
DVB-C MPEG4 HD
RECEIVING CHANNELS
VHF (BAND I/III)
UHF (BAND U)
HYPERBAND
NUMBER OF PRESET CHANNELS
1000
CHANNEL INDICATOR
On Screen Display
RF AERIAL INPUT
75 Ohm (unbalanced)
OPERATING VOLTAGE
220-240V AC, 50 Hz.
AUDIO
German + Nicam Stereo
AUDIO OUTPUT POWER ($W_{RMS.}$) (10% THD) 2 x 6
POWER CONSUMPTION (W) 65 W (max)
PANEL 16:9

Software Upgrade

Your TV is capable of finding and updating automatically via the Aerial signal or over the Internet.

Background search and upgrade mode

While the TV is connected to the Internet, if new software is found, it downloads the upgrades automatically when the TV next powers on from standby.

3.00am search and upgrade mode

While the TV is connected to an aerial signal. If **Automatic scanning** in the **Upgrade Options** menu is enabled, the TV wakes up at 03:00 and searches broadcast channels for new software upgrades. If new software is found and downloaded successfully, the next time the TV powers up , it will have the new software version.

Note. If the TV fails to come on after the upgrade unplug the TV for 2 minutes and plug in again.

Troubleshooting & Tips

No power

If your TV has no power, please check the power cord plug is connected to the mains power socket.

No picture

1. No Picture means that your TV is not receiving a transmission. Have you selected the correct button on the remote control? Try once more. Also make sure the correct input source has been selected.

2. Is the aerial connected properly?

3. Are the plugs connected to the aerial socket?

4. Is the aerial cable damaged?

5. Are suitable plugs used to connect the aerial?

6. If you are in doubt, consult your dealer.

No sound

1. Has the TV been set to mute? To cancel mute, press the "🔇" button, or increase the volume level.

2. Sound is coming from only one speaker. Is the balance set to one extreme? See Sound Menu section.

Remote control - does not operate

Your TV no longer responds to the remote control. The batteries may be exhausted, if so you may need to replace the old batteries.

Input sources - can not be selected

1. If you cannot select an input source, it is possible that no device is connected.

2. Check the AV cables and connections if you have tried to connect a device.

Recording Unavailable

To record a programme, you should first connect a USB disk to your TV while the TV is switched off. You should then switch on the TV to enable recording feature. Otherwise, the recording feature will not be available. If you cannot record, try switching off the TV and then re-inserting the USB device while the TV is switched off.

USB Is too Slow

If a "USB is too slow" message is displayed on the screen while starting a recording, try restarting the recording. If you still get the same error, it is possible that your USB disk does not meet the speed requirements. Try connecting another USB disk.

Information for Users on Disposal of Old Equipment and Batteries

[European Union only]

These symbols indicate that equipment with these symbols should not be disposed of as general household waste. If you want to dispose of the product or battery, please consider the collection systems or facilities for appropriate recycling.

***Notice**: The sign Pb below the symbol for batteries indicates that this battery contains lead.*

Products   Battery

Licence Notifications

Manufactured under license from Dolby Laboratories.

TRADEMARK ACKNOWLEDGMENT

 and the double-D symbol are trademarks of Dolby Laboratories.

"HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC."

HIGH-DEFINITION MULTIMEDIA INTERFACE

Appendix B: PC Input Typical Display Modes

The display has a maximum resolution of 1920 x 1080. The following table is an illustration of some of the typical video display modes. Your TV may not support different resolutions. Supported resolution modes are listed below. If you switch your PC to an unsupported mode, a warning OSD will appear on the screen.

Index	Resolution	Frequency
1	640x400	70Hz
2	640x350	85Hz
3	640x400	85Hz
4	640x480	60Hz
5	640x480	66Hz
6	640x480	72Hz
7	640x480	75Hz
8	640x480	85Hz
9	800x600	56Hz
10	800x600	60Hz
11	800x600	70Hz
12	800x600	72Hz
13	800x600	75Hz
14	800x600	85Hz
15	832x624	75Hz
16	1024x768	60Hz
17	1024x768	66Hz
18	1024x768	70Hz
19	1024x768	72Hz
20	1024x768	75Hz
21	1024x768	85Hz
22	1152x864	60Hz
23	1152x864	70Hz
24	1152x864	75Hz
25	1152x864	85Hz
26	1152x870	75Hz
27	1280x768	60Hz
28	1360x768	60Hz
29	1280x768	75Hz
30	1280x768	85Hz
31	1280x960	60Hz
32	1280x960	75Hz
33	1280x960	85Hz
34	1280x1024	60Hz
35	1280x1024	75Hz
36	1280x1024	85Hz
37	1400x1050	60Hz

Index	Resolution	Frequency
38	1400x1050	75Hz
39	1400x1050	85Hz
40	1440x900	60Hz
41	1440x900	75Hz
42	1600x1200	60Hz
43	1680x1050	60Hz
44	1920x1080	60Hz
45	1920x1200	60Hz

Appendix C: Supported File Formats for USB Media Browser

Media	Extension	Format		Notes
		Video	**Audio**	
Movie	dat, mpg, mpeg	Mpeg1,2	MPEG1/2 Layer 1/2/3, AAC/HEAAC, AC3/EAC3, LPCM/ADPCM	1080P@ 30fps 50Mbit/sec
	dat, mpg, mpeg	MPEG2 ,H.264, VC1, AVS, MVC	MPEG1/2 Layer 1/2/3, AAC/HEAAC, AC3/EAC3, LPCM/ADPCM	H.264:1080Px2@25fps 1080P@ 50fps MVC: 1080P@ 24fps Other: 1080P@ 30fps" 50Mbit/sec
	.vob	MPEG2	MPEG1/2 Layer 1/2/3, AC3, LPCM	1080P@ 30fps 50Mbit/sec
	.mkv	MPEG1,2,4, XviD, H.264, VC1,WMV3, Motion JPEG	MPEG1/2 Layer 1/2/3, AAC/HEAAC, AC3/EAC3, LPCM,OGG	H.264:1080Px2@25fps 1080P@ 50fps Other:1080P@ 30fps 50Mbit/sec
	.mp4 .mov		MPEG1/2 Layer 3, AAC/HEAAC, AC3/EAC3, LPCM/ADPCM	H.264: 1080Px2@25fps 1080P@ 50fps Other: 1080P@ 30fps 50Mbit/sec
	.avi	MPEG1,2,4 Xvid H.264, VC1,WMV3, Sorenson H.263 Motion JPEG	MPEG1/2 Layer 1/2/3, AAC/HEAAC, AC3/EAC3, LPCM/ADPCM, WMA	H.264: 1080Px2@25fps 1080P@ 50fps Other: 1080P@ 30fps" 50Mbit/sec
	flv	H.264, Sorenson H.263	MPEG1/2 Layer 3, AAC/HEAAC, LPCM/ADPCM	H.264: 1080Px2@25fps 1080P@ 50fps Other: 1080P@ 30fps" 50Mbit/sec
	3gp,3g2	MPEG4, H.264		1920x1080 @ 30P 20Mbit/sec
	asf, wmv	MPEG2,4, XviD, H.264, VC1,WMV3	MPEG1/2 Layer 1/2/3, AAC/HEAAC, AC3/EAC3, LPCM, WMA	1080P@ 30fps 50Mbit/sec
Music	.mp3		MPEG1 Layer 1/2/3 (MP3)	
	OGG		OGG	
	.wav	-	LPCM	
	WMA/ASF		WMA, WMA Pro	
	.m4a/ .aac		AAC, HEAAC	
Photo	.jpg .jpeg	Baseline JPEG		MAX WxH = 14592x12288 Up to 8 MegaByte
	.png	Progressive JPEG		
	.bmp	non-interlace		
	.png	interlace		
Subtitle	sub	-	-	
	srt	-	-	

Appendix D: Supported DVI Resolutions

When connecting devices to your TV's connectors by using DVI converter cables (not supplied), you can refer to the following resolution information.

	56Hz	60Hz	66Hz	70Hz	**72Hz**	**75Hz**
640x400				☑		
640x480		☑	☑		☑	☑
800x600	☑	☑		☑	☑	☑
832x624						☑
1024x768		☑	☑	☑	☑	☑
1152x864		☑		☑		☑
1152x870						☑
1280x768		☑				
1360x768		☑				☑
1280x960		☑				☑
1280x1024		☑				☑
1400x1050		☑				☑
1440x900		☑				☑
1600x1200		☑				
1680x1050		☑				
1920x1080		☑				
1920x1200		☑				

Appendix E: SKY Remote Control Code

The Sky Code is 065:

1 Turn your TV on.

2 Press TV on your Sky remote control handset.

3 Hold down **SELECT** and the **RED** button together for about two seconds, until the red light on the Sky remote control blinks twice.

4 Key in 065. The light on the Sky remote control should blink twice.

5 Press the **STANDBY** button on your Sky remote control. If your TV switches off, press **SELECT**. The light on the Sky remote control blinks twice. Now try the other functions.

Appendix F: AV and HDMI Signal Compatibility (Input Signal Types)

| Source	Supported Signals		Available
EXT-1 (SCART1)	PAL		O
	NTSC 60		O
	RGB 50/60		O
	SECAM		O
EXT-1 (SCART2)	PAL		O
	NTSC 60		O
	SECAM		O
Side AV	PAL 50/60		O
	NTSC 60		O
	SECAM		O
YPbPr	480I	60Hz	O
	480P	60Hz	O
	576I	50Hz	O
	576P	50Hz	O
	720P	50Hz	O
	720P	60Hz	O
	1080I	50Hz	O
	1080I	60Hz	O
HDMI1 HDMI2 HDMI3	480I	60Hz	O
	480P	60Hz	O
	576I	50Hz	O
	576P	50Hz	O
	720P	50Hz	O
	720P	60Hz	O
	1080I	50Hz	O
	1080I	60Hz	O
	1080P	24Hz 25Hz 30Hz 50Hz 60Hz	O

(X: Not Available, O: Available)

In some cases a signal on the LED TV may not be displayed properly. The problem may be an inconsistency with standards from the source equipment (DVD, Set-top box, etc.). If you do experience such a problem please contact your dealer and also the manufacturer of the source equipment.

Important Instruction

For your own safety read following instruction carefully before attempting to connect this unit to the mains supply.

MAINS (AC) OPERATION

The wires in the mains lead are coloured in accordance with the following code :

GREEN & YELLOW (Earth) (if there is earth cable)

FUSE

BROWN (Live)

BLUE (Neutral)
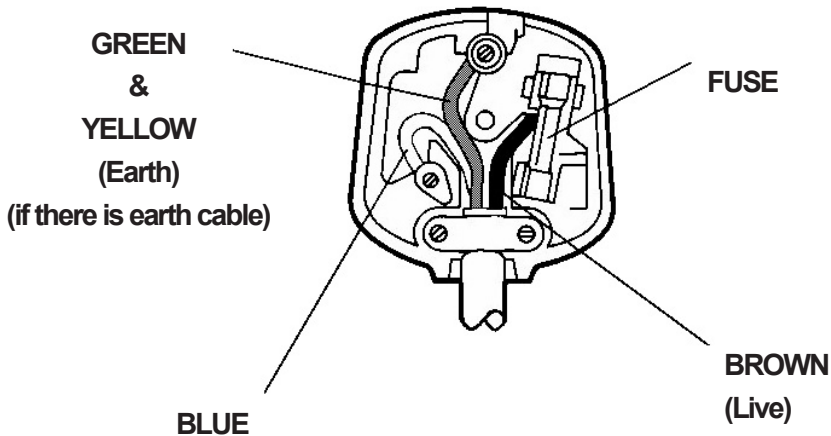
IMPORTANT

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green and yellow must be connected to the terminal which is marked with the letter E, or by the earth symbol, or coloured green or green and yellow.

The wire which is coloured blue or black must be connected to the terminal which is marked with the letter N or coloured Black.

The wire which is coloured brown or red must be connected to the terminal which is marked with the letter L or coloured Red.

For continued protection against risk of fire, replace only with same type and rating of fuse (ASTA approved 13A 250VAC fuse).

CAUTION

TO PREVENT ELECTRIC SHOCK DISCONNECT FROM THE MAINS BEFORE REMOVING COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

SAFETY PRECAUTION

THIS EQUIPMENT MUST BE DISCONNECTED FROM THE MAINS WHEN NOT IN USE. DO NOT ALLOW THIS UNIT TO BE EXPOSED TO RAIN OR MOISTURE.

Product Fiche		
Comercial Brand: FINLUX		
Product No.	10085614	
Model No.	32H7072-DT	
Energy efficiency class	A	
Visible screen size (diagonal, approx.) (inch/cm)	32 inches	81 cm
On mode average power consumption (Watt)	41	
Annual energy consumption (kWh/annum)	59	
Standby power consumption (Watt)	0,5	
Off mode power consumption (Watt)	0	
Display resolution (px)	1366 x 768	

1
YEAR
GUARANTEE

WARRANTY CARD

Thank you for your purchase.

We are sure you will enjoy using Finlux for many years.

The product warranty is for a period of twelve (12) months from the date of original purchase. Any defect caused by faulty materials or workmanship will be repaired free of charge where possible during this period by Finlux. If a repair is not possible, the product will be replaced free of charge or a refund will be given.

This guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items
- The product must be correctly installed and operated in accordance with the instructions in the manual provided
- The product must be used solely for domestic purposes
- The guarantee will be invalid if the product is re-sold or has been damaged by inexpert repair.

Specifications are subject to change without notice. On-site service is limited to Vestel 46" Televisions and above.

Repairs
Our authorised service partners will always try to complete any repairs at your home. However, there may be times when the product has to be taken away for further testing. If this happens, you will not be charged for collection or return of the product within the terms of this guarantee.

Disclaimer
The manufacturer disclaims any liability for incidental or consequential damages. This guarantee is in addition to, and does not diminish, your statutory or legal rights.

Customer helpline
In the event of a problem with the product within the guarantee period, please call this number:

Customer Helpline: 0845 459 52 82

FINLUX

Warranty Exclusions

A. This Warranty does not extend to loss caused by normal wear and tear, fire, water (liquid ingression), theft, vermin or insect infestation.

B. This warranty does not cover damage caused by:

- Misuse or abusive use of any Finlux consumer product
- Incorrect operation, or not following the operating instructions (as stated in the Product Instruction Manual)
- Improper installation
- Failure to clean or improper cleaning of the product
- Incorrect voltage or non-authorised electrical connections
- Use of non-authorised/non-standard parts
- Password setting/resetting and virus infection
- Repair or other work carried out on the Finlux consumer product other than by authorised Finlux service personnel.

C. This Warranty does not cover service costs for the replacement and maintenance of consumable parts, which have stopped working through normal wear and tear. This includes, but is not limited to, parts classifiable as a consumable part.

D. This Warranty does not cover any Finlux branded consumer product installed in a moveable dwelling. Note that the performance of the product may be affected if it is installed in a caravan or other such moveable dwelling.

E. This Warranty does not cover Finlux consumer products which do not bear the original manufacturer's factory-applied serial number in its original form (for instance where it or the sticker bearing it has been removed, wiped out, rubbed off, or altered). This applies even if you make a claim while the product is still under Warranty.

F. This Warranty does not cover the loss of any data no matter how the loss is caused. You are responsible for backing up and protecting data against loss, damage or destruction.

The guarantee is only valid when accompanied by proof of purchase. If the serial number is defaced, missing or illegible, the warranty is null and void.

FINLUX